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PHOTOGRAPHIC INTERPRETATION REPORT



25X1C

SOUTHEAST ASIA ACTIVITY REPORT

SELECTED TRANSPORTATION AND INFILTRATION COMPENDIUM

NPIC/R-187/67
OCTOBER 1967

SUMMARY NO. 60

GROUP 1 EXCLUDED FROM
AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

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WARNING

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PREFACE

This report is a summary of selected transportation and related military activity in North Vietnam as derived from [REDACTED] Missions of [REDACTED] Concentrations of activity for the expansion, maintenance and exploitation of lines of communication are emphasized.

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Items are numbered and arranged according to general location from north to south. Annotated maps of varying scales have been included to assist the reader in locating the items. Unless otherwise specified, each large-scale map depicts all motorable roads photographically confirmed by NPIC.

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1. Military and Transportation Facilities, Lao Cai Area, North Vietnam

Strategically located at the North Vietnam/China border and along one of two inter-country rail lines, Lao Cai is the major redistribution point in northwestern North Vietnam for material flowing from China. A continuous meter-gauge rail line and a highway network funnel through Lao Cai from Kun-Ming, China, toward Ha Noi. Extensive storage and military facilities have been developed in this border area which comprises Lao Cai and Ho-Kou, China.

The two cities are connected by a railroad and highway bridge over the Nam Chi (River) and the two parts of Lao Cai are connected by a highway bridge over the Red River (Figure 11). An active ferry crossing is also located within the area (Figure 16).

Railroad classification yards, approximately 1,800 feet long and eight tracks wide, are located near the termini of both the China and North Vietnam rail line segments. The yard at Liu-Tiao-Pan (Figure 6) contains a large turning wye, a probable foundry, a probable fabrication shop, a station, a depot, and four miscellaneous buildings. The Lao Cai yard (Figure 10) contains a large repair shop straddling three repair tracks, a probable foundry, a turntable, a station, a depot, and 12 miscellaneous buildings. Single track sidings are also located on each side of the Nam Chi and a large area adjacent to the rail line is being leveled immediately east of Ho-Kou (Figure 9).

The UTM coordinates and composition of each of the 42 facilities identified in the area are as follows:

1. Storage/support facility; [REDACTED] 4 buildings (Figure 2)
2. Storage/support facility; [REDACTED] 8 buildings (Figure 2)
3. Storage/support facility; [REDACTED] 14 buildings (Figure 2)
4. Storage/support facility; [REDACTED] 12 buildings
5. Storage/support facility; [REDACTED] 14 buildings
6. Storage/support facility; [REDACTED] 12 buildings
7. Storage/support facility; [REDACTED] 12 buildings
8. Barracks/storage facility; [REDACTED]; 6 probable barracks, 6 probable storage buildings, and 7 support buildings (Figure 1)
9. Military camp; [REDACTED] 1 multistory administration building, 4 vehicle maintenance buildings, 12 probable barracks, 7 probable storage buildings, 2 buildings under construction, and 14 support buildings (Figure 1)

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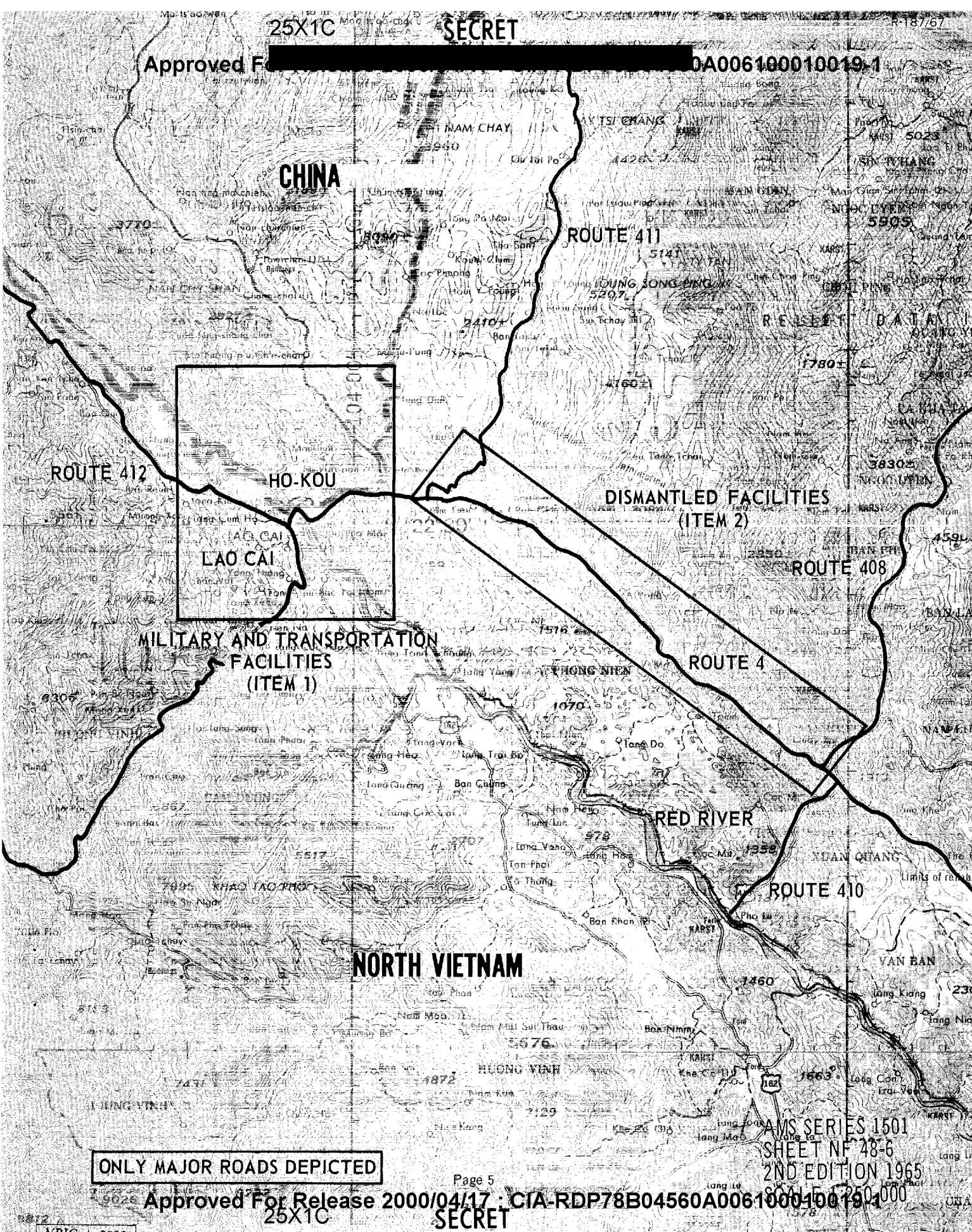
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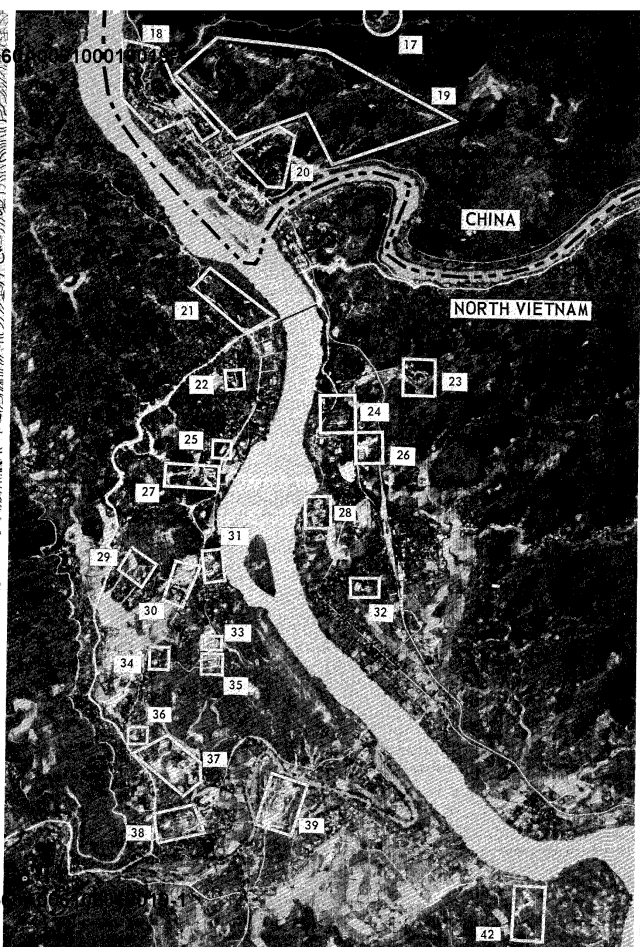
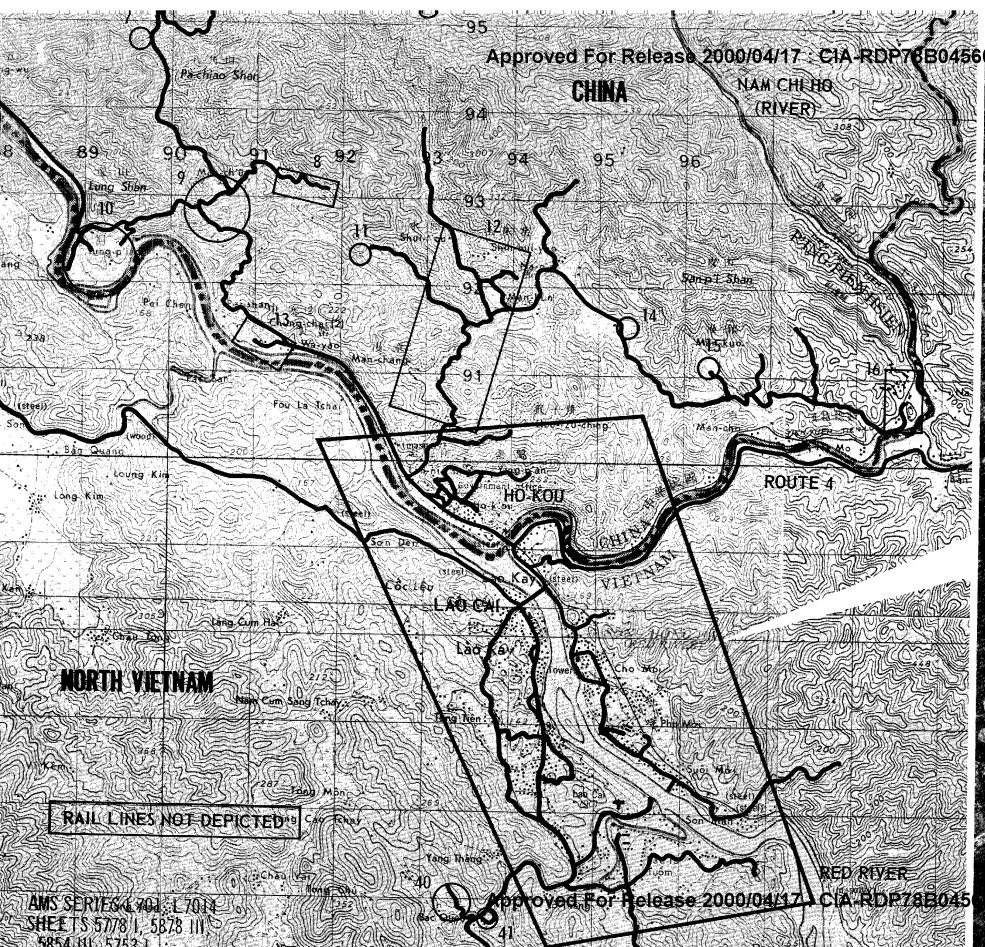
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10. Probable storage facility; [REDACTED] 14 probable storage buildings, 15 support buildings, and 5 possible POL excavations (Figure 4)
11. Storage/support area; [REDACTED] 6 probable storage buildings and 3 support buildings 25X1D
12. Ho-Kou army barracks north
 - Area A; [REDACTED] 2 administration buildings, 1 barracks/administration building, 2 probable messhalls, 18 probable barracks, 34 probable storage buildings, 35 storage/support buildings, a motor pool with 7 buildings, and 15 miscellaneous buildings (Figure 3) 25X1D
 - Area B; [REDACTED] 5 possible storage and 6 support buildings 25X1D
 - Area C; [REDACTED] 3 probable barracks, 1 barracks/storage building, 4 probable storage buildings, 3 support buildings, and 6 small sheds (Figure 3)
 - Area D; [REDACTED] 7 probable maintenance buildings, 3 possible barracks, and 8 support buildings 25X1D
 - Area E; [REDACTED] 1 multistory probable warehouse, 1 long shed, and 2 support buildings 25X1D
13. Probable motor pool and associated support facility; [REDACTED] 5 probable vehicle maintenance buildings, 1 possible bunkered POL tank, 3 large monitor-roofed buildings, 1 possible administration building, 2 probable barracks, and 34 support buildings (Figure 5) 25X1D
14. Storage/support facility; [REDACTED] 7 buildings and numerous sheds 25X1D
15. Storage/support facility; [REDACTED] 8 buildings
16. Liu-Tiao-Pan army supply depot (Figure 6)
 - Area A; [REDACTED] 14 probable warehouses, 3 possible transient-storage buildings, 3 possible repair sheds, 3 multistory barracks/administration buildings, 15 support buildings, and numerous sheds 25X1D
 - Area B; [REDACTED] 1 large warehouse, 1 barracks, and 3 support buildings 25X1D
 - Area C (motor pool); [REDACTED] 1 large vehicle maintenance building (monitor roof), 2 large vehicle parking sheds, 1 multistory barracks/administration, and 6 support buildings 25X1D
17. Support/storage facility; [REDACTED] 8 buildings 25X1D
18. Ho-Kou military complex; [REDACTED] 3 multistory administration buildings, 17 probable barracks (1 under construction and 6 multistory), 9 storage buildings, 1 arched vehicle maintenance building, 6 maintenance/storage buildings, 30 support buildings, and 12 sheds (Figure 9)

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19. Ho-Kou military defense complex; centered on [REDACTED] (located south and northeast of Ho-Kou); 25X1D
6 probable barracks, 1 administration building, 1 messhall, 6 AAA sites, and 102 support buildings of various sizes (Figure 9)

20. Ho-Kou probable military camp; [REDACTED] 2 multistory administration buildings, 6 probable barracks (2 multistory), one 6-position AAA site, and 16 support buildings (Figure 9) 25X1D

21. Probable barracks area; [REDACTED] 5 multistory probable barracks, 1 messhall, and 19 support buildings (Figure 11) 25X1D

22. Probable barracks area; [REDACTED] 3 probable barracks (Figure 11) 25X1D

23. Probable barracks area; [REDACTED] 24 buildings (9 within secured area) (Figure 7)

24. Probable barracks area; [REDACTED] 5 probable barracks (2 multistory), 1 messhall, 1 multistory administration/auditorium, and 11 support buildings (Figure 7) 25X1D

25. Probable storage facility; [REDACTED] 3 buildings (Figure 8)

26. Probable storage facility; [REDACTED] 1 large tri-gable building with 3 large doors, 1 large monitor-roofed building with 3 large doors, 8 single-gable storage buildings, and 4 sheds (Figure 7) 25X1D

27. Probable storage facility; [REDACTED] 15 dispersed buildings (Figure 8) 25X1D

28. Probable barracks area; [REDACTED] 7 probable barracks, 1 messhall, and 15 support buildings (Figure 10) 25X1D

29. Probable storage facility; [REDACTED] 6 buildings (1 revetted) and clearings for 2 additional buildings (Figure 12) 25X1D

30. Probable barracks area; [REDACTED] 1 multistory administration/barracks, 8 probable barracks, and 11 support buildings (Figure 12) 25X1D

31. Probable support area; [REDACTED] 10 buildings (1 T-shaped) and 2 revetted vehicle parking sheds (Figure 12) 25X1D

32. Probable storage facility; [REDACTED] 4 large warehouses (Figure 12) 25X1D

33. Probable administration area; [REDACTED] 1 I-shaped multistory building (Figure 12) 25X1D

34. Storage/support facility; [REDACTED] 6 buildings (Figure 12) 25X1D

35. Probable barracks area; [REDACTED] 8 probable barracks (Figure 12) 25X1D

36. Possible vehicle maintenance area; [REDACTED] 3 possible vehicle maintenance buildings and 2 support buildings (Figure 13)

37. Military camp; [REDACTED] 6 probable barracks (2 multistory), 3 probable administration buildings and 20 support buildings (Figure 13) 25X1D

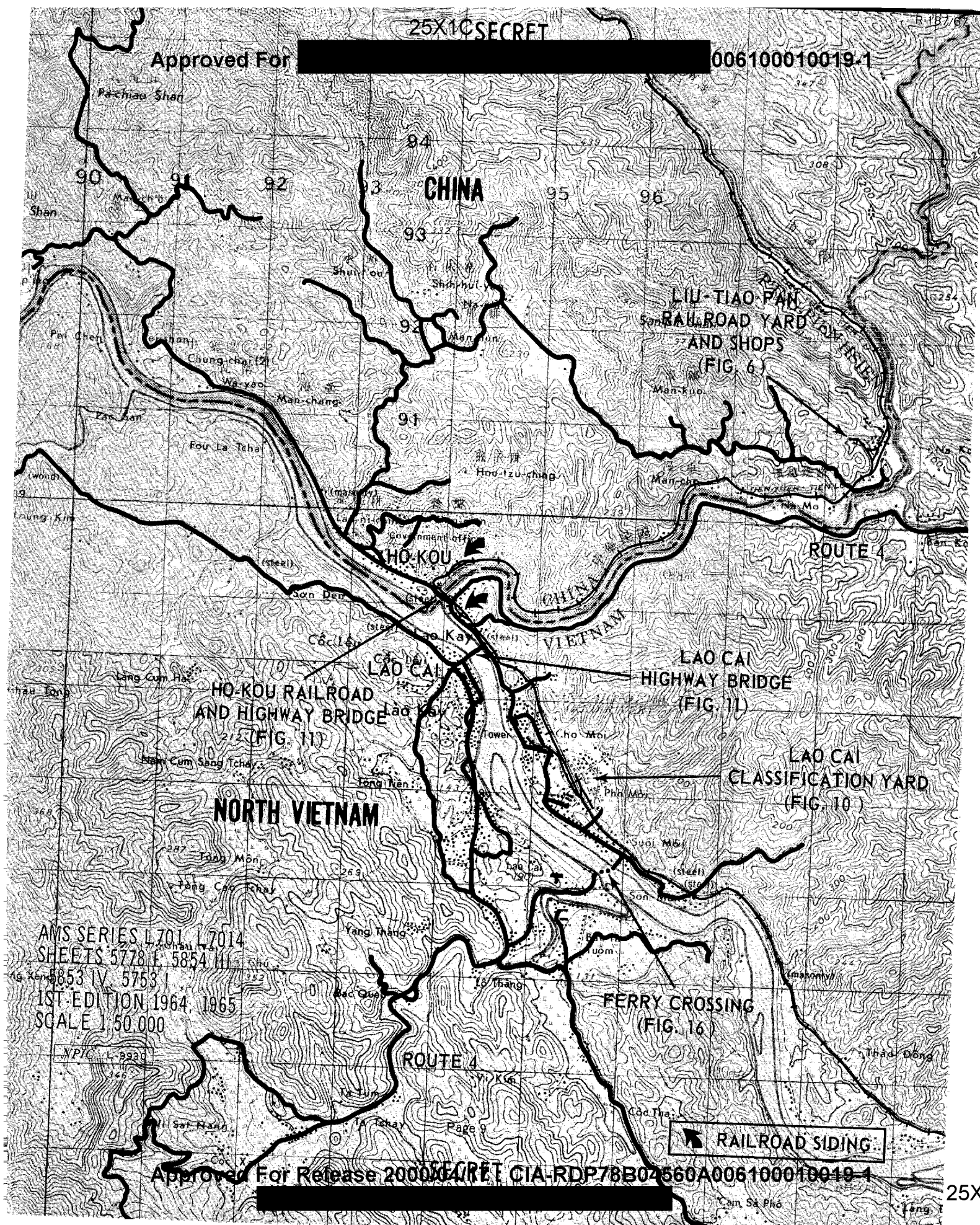
38. Barracks area; [REDACTED] 3 probable administration buildings, 8 probable barracks, and 4 sheds (Figure 13) 25X1D

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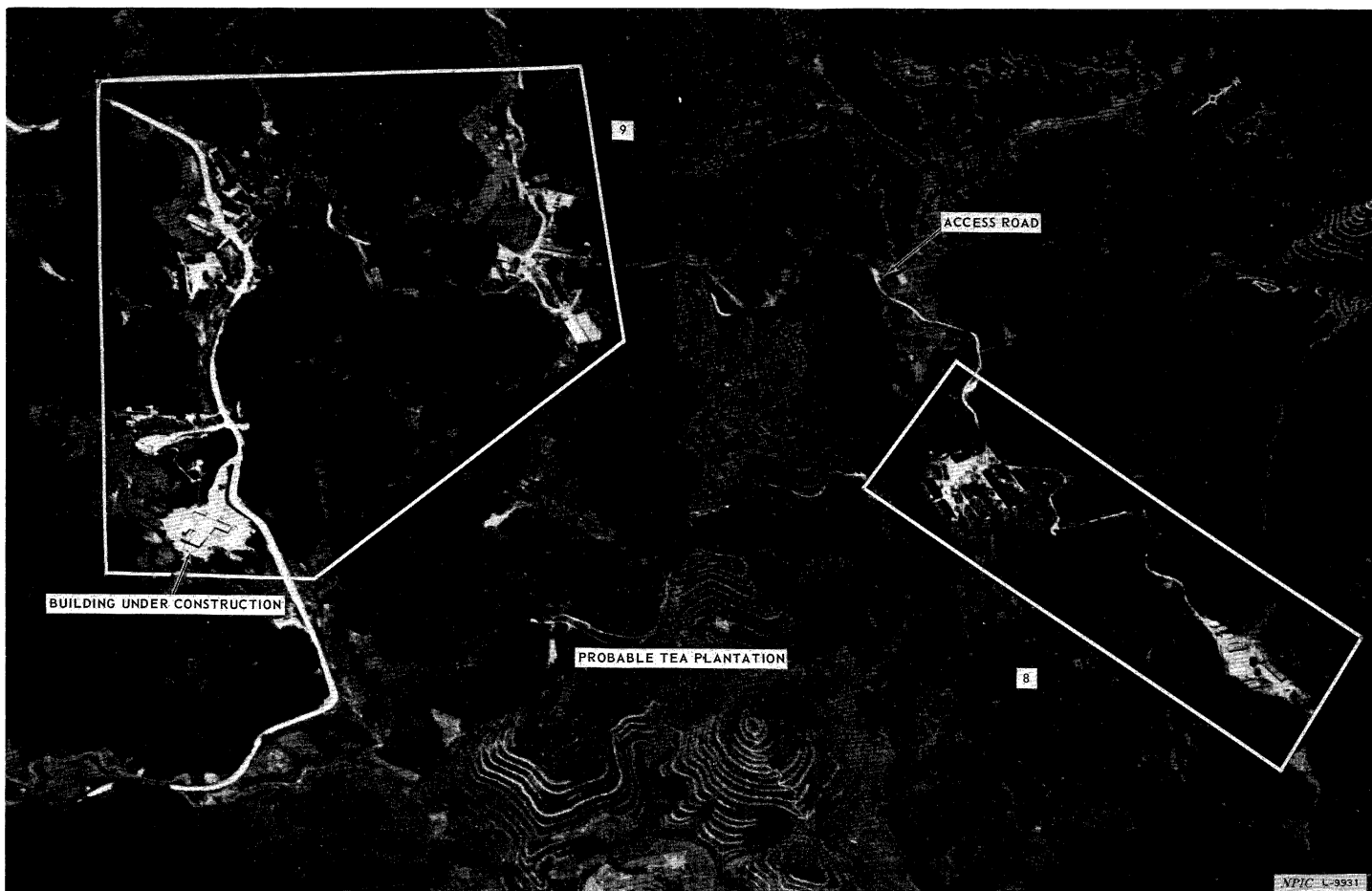
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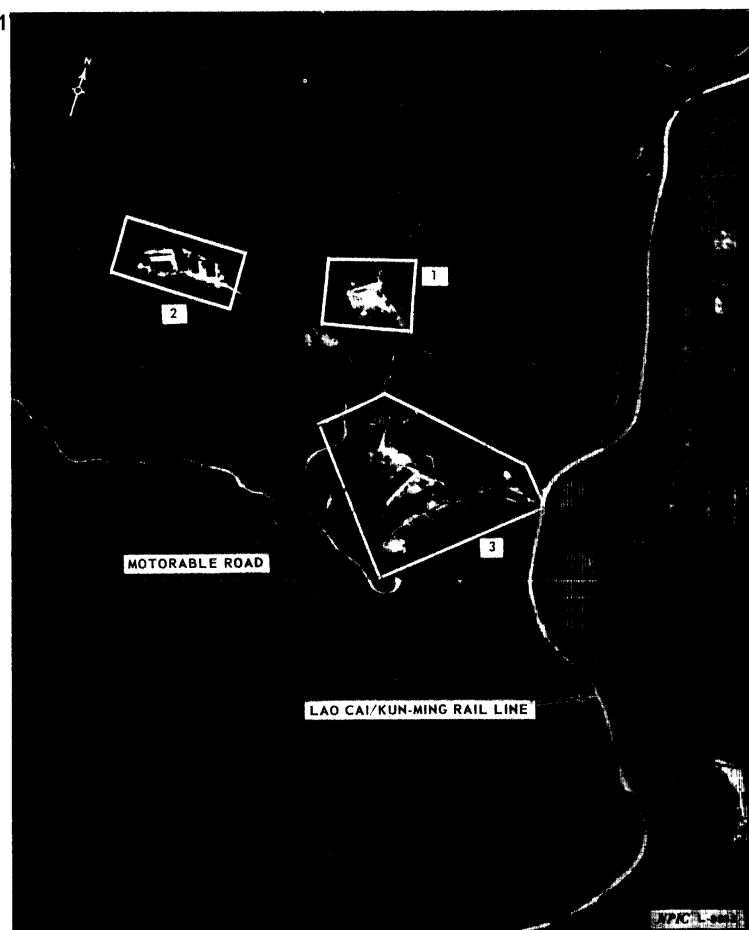
25X1D

- 39. Barracks/administration area; [REDACTED] 1 large U-shaped building, 1 E-shaped building, 1 T-shaped building, 1 L-shaped building, 1 barracks, and 4 support buildings (Figure 13)
- 40. Storage facility; [REDACTED] 11 partially revetted buildings (Figure 14) 25X1D
- 41. Possible vehicle maintenance facility; [REDACTED] 4 buildings (Figure 14) 25X1D
- 42. Storage facility under construction; [REDACTED] 3 buildings, 3 buildings under construction, and 2 excavations (Figure 15) 25X1D

(NOTE: The numbers annotated on the photos correspond to the numbers of the facilities described above and indicated on the map and photo on page 7).



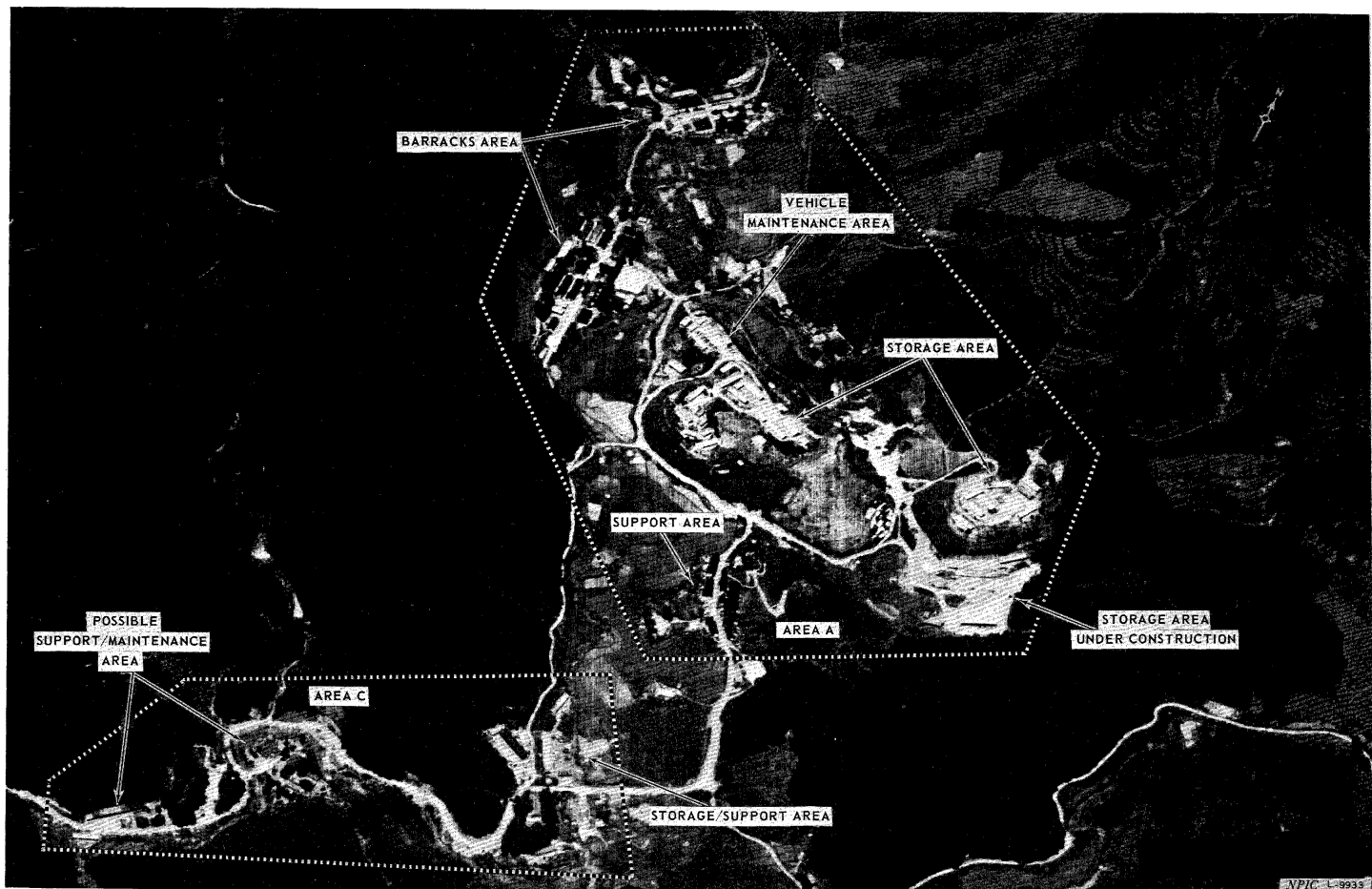
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FIGURE 1. STORAGE SUPPORT FACILITIES, HO-KOU AREA, CHINA



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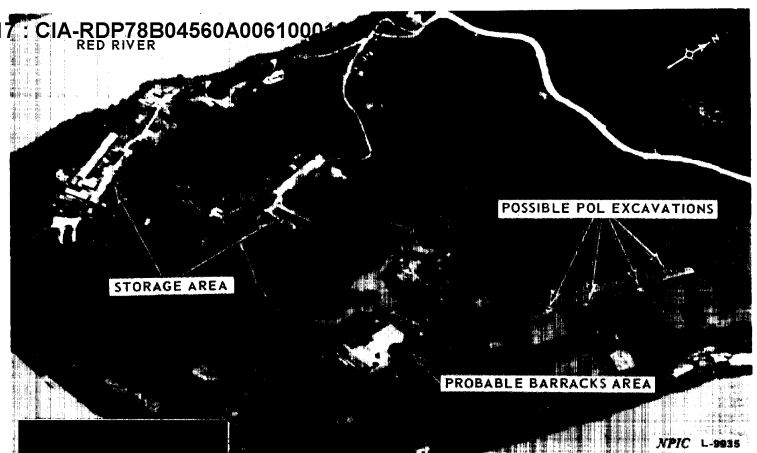
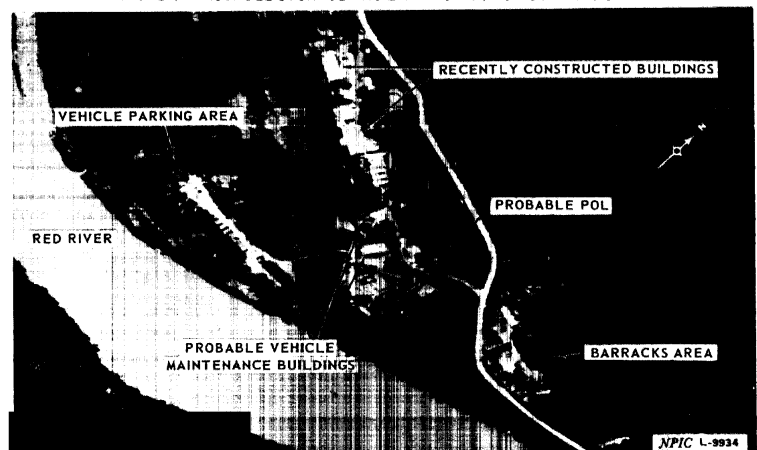
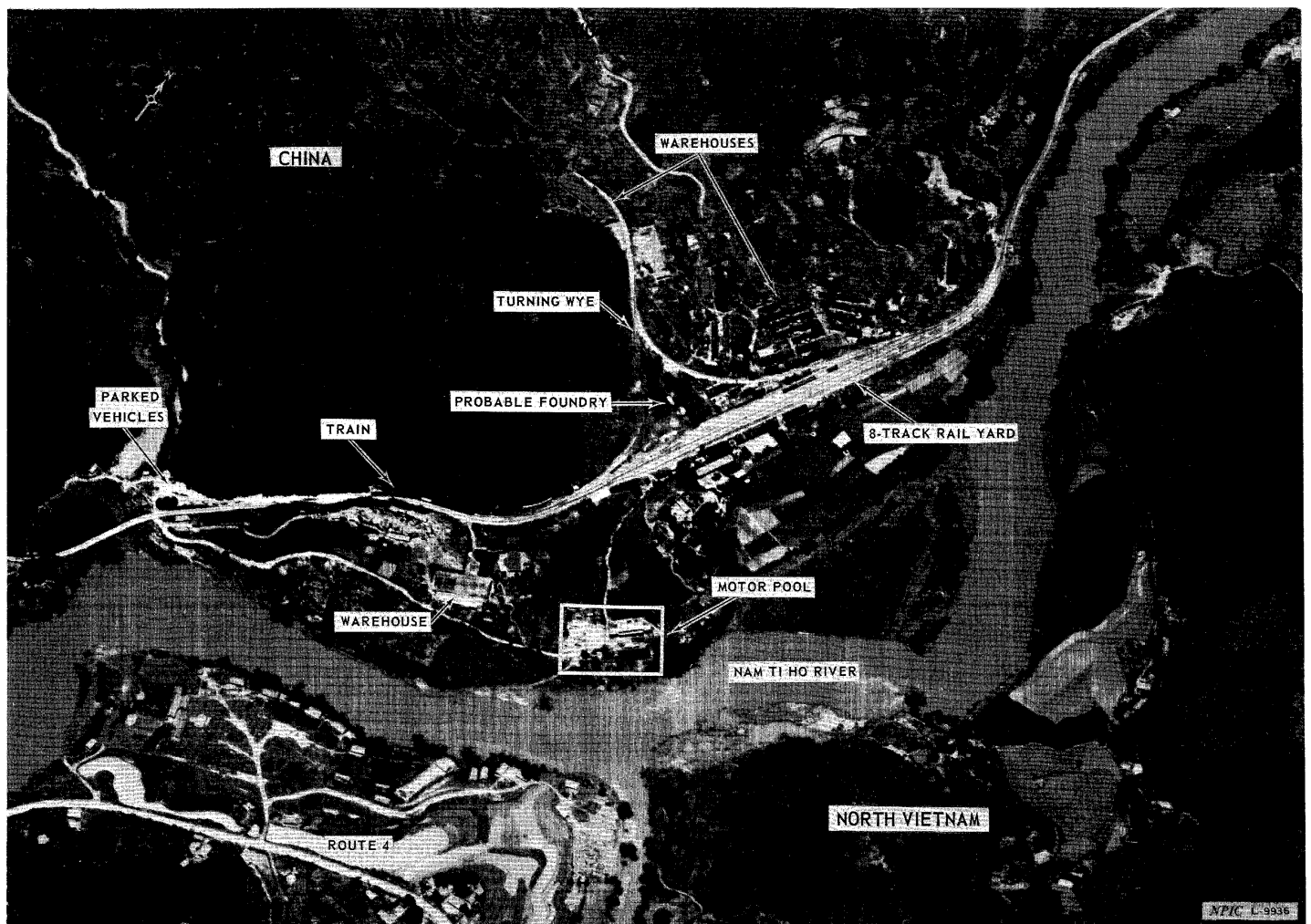


FIGURE 4. PROBABLE STORAGE FACILITY (NO. 10), HO-KOU AREA, CHINA

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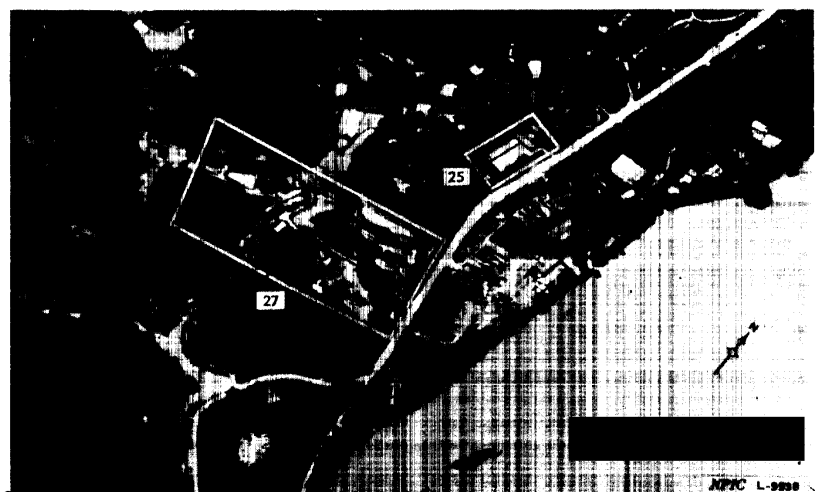
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FIGURE 6. LIU-TIAO-PAN ARMY SUPPLY DEPOT, RAILROAD YARDS AND SHOPS (FACILITY NO. 16), HO-KOU AREA, CHINA

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25X1D

FIGURE 7. MILITARY FACILITIES, LAO CAI AREA, NORTH VIETNAM



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FIGURE 8. MILITARY FACILITIES, LAO CAI AREA, NORTH VIETNAM

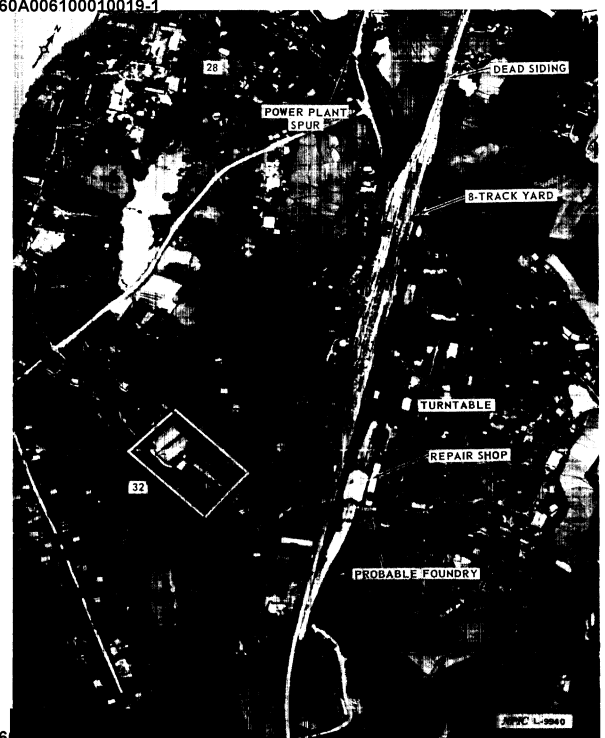


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FIGURE 10. MILITARY FACILITIES AND RAILROAD CLASSIFICATION YARD, LAO CAI AREA, NORTH VIETNAM



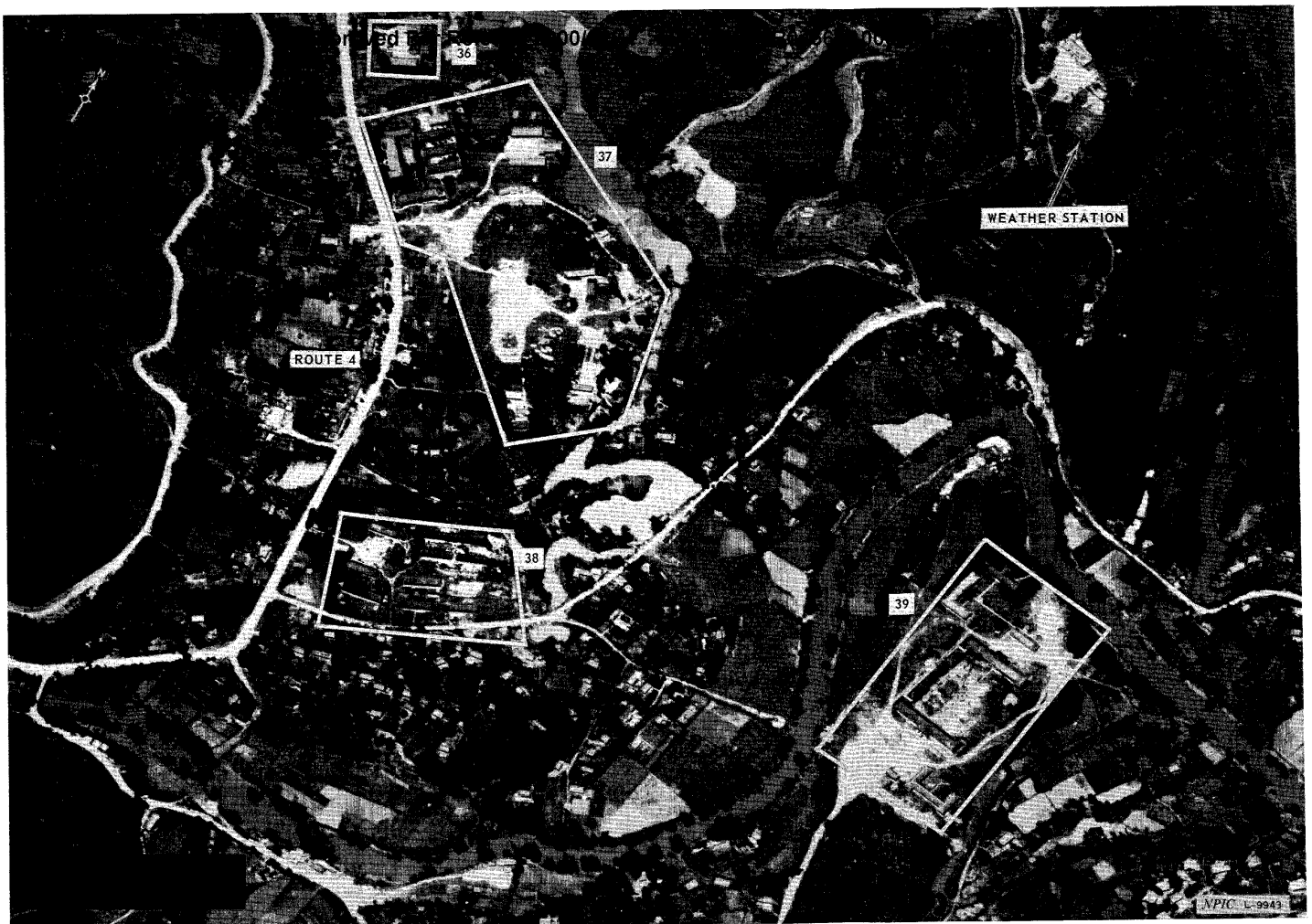
FIGURE 11. MILITARY AND TRANSPORTATION FACILITIES, LAO CAI, NORTH VIETNAM
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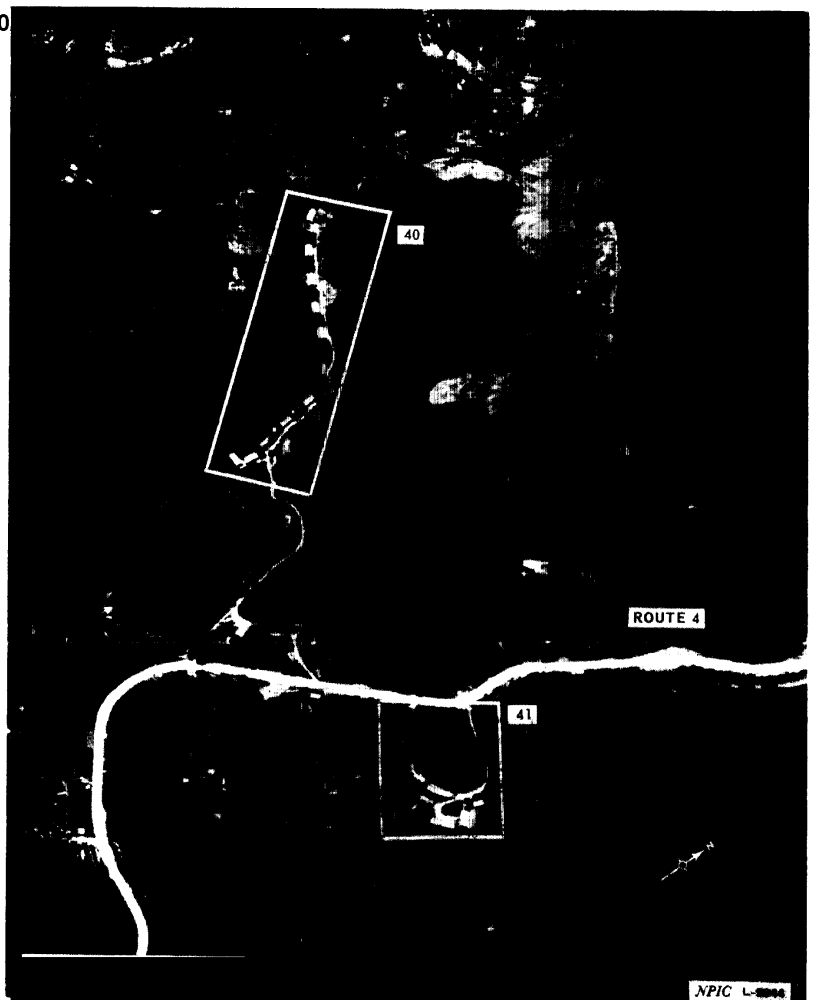


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FIGURE 14. MILITARY FACILITIES, LAO CAI AREA, NORTH VIETNAM

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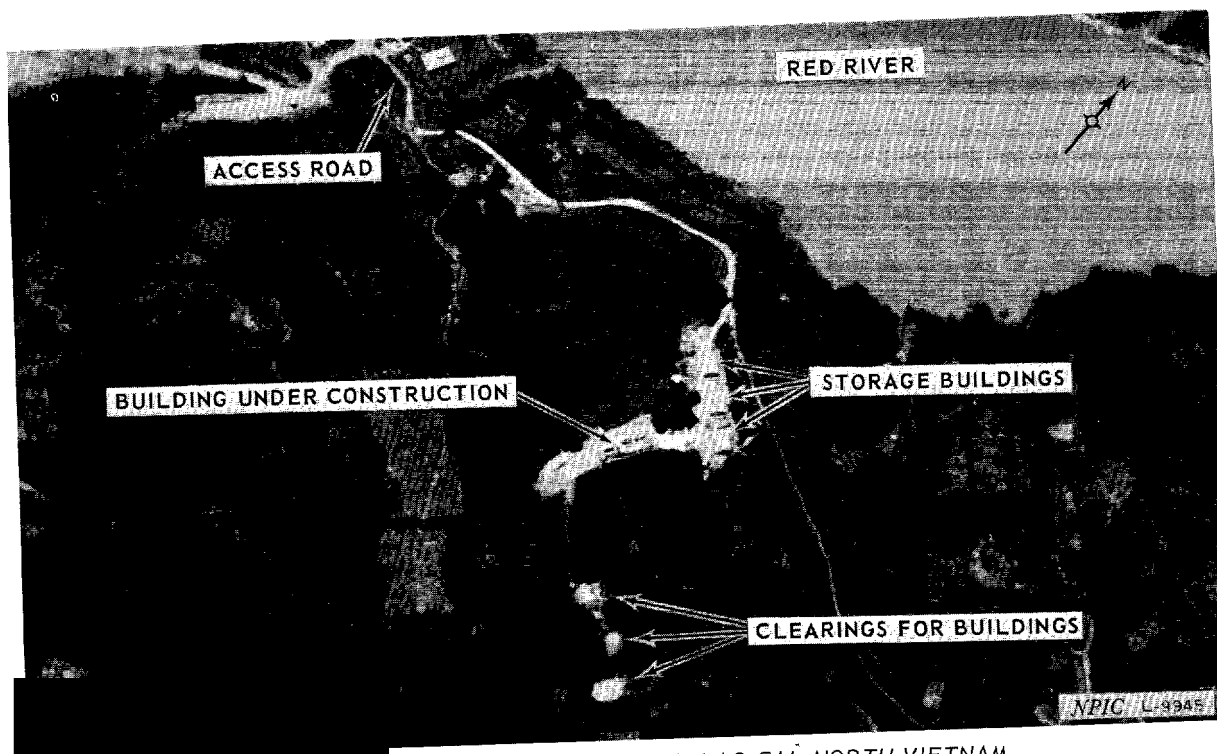


FIGURE 15. STORAGE FACILITY (NO. 42), LAO CAI, NORTH VIETNAM

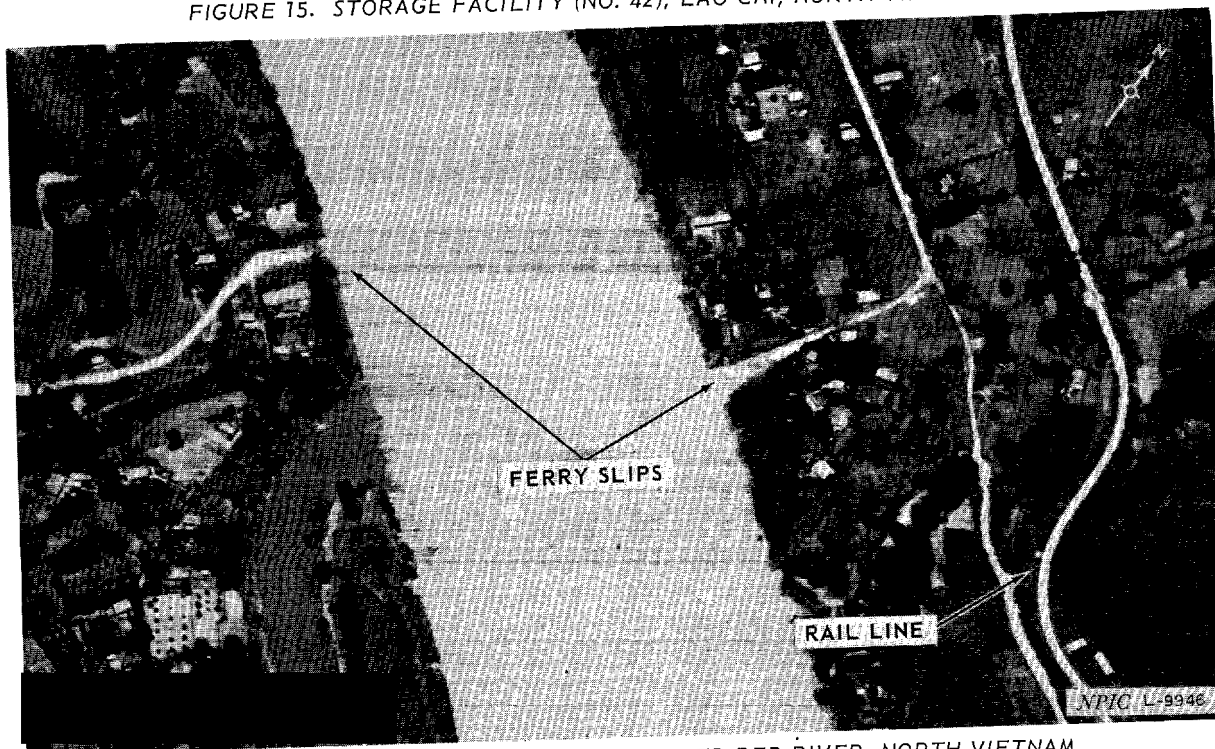


FIGURE 16. LAO CAI HIGHWAY FERRY OVER RED RIVER, NORTH VIETNAM

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2. Dismantled Construction/Military Facilities, Route 4, North Vietnam

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There has been wide spread dismantling of construction/military facilities along Route 4 east of Lao Cai. Of the 22 facilities reported in [REDACTED] adjacent to the road between 22-30N 104-02E and 22-22N 104-14E (Summary 25, Item 1, facilities 1-16 and 26-31), seven have been totally dismantled, nine have been partially dismantled, and three have been re-evaluated as probable native (see map on opposite page). Only three military facilities, one extensively changed, remain active.

Approximately 185 buildings have been dismantled in the 16 facilities (see Figures 17, 19, 20, 21, and 22 for examples). Where buildings remain, an increase in associated agriculture with a corresponding reduction in vehicular activity indicates that these facilities probably no longer serve their former function. There is also an increase in commercial activity in the area with three large lumber camps operating northeast of Route 4.

25X1D

The military/construction facility centered at UTM [REDACTED] remains active, although it has been extensively changed and is now identified as a military training and storage area. Buildings have been dismantled, enlarged and replaced; buildings have been constructed; and a driver-training course has been developed (compare Figures 19 and 20). Twenty-three buildings have been dismantled in an adjacent and probably unrelated facility immediately east. Additional buildings have been removed from a probable vehicle support area on the south side of Route 4. Although originally included as part of the military facility these latter two areas were probably associated with the previous road construction.

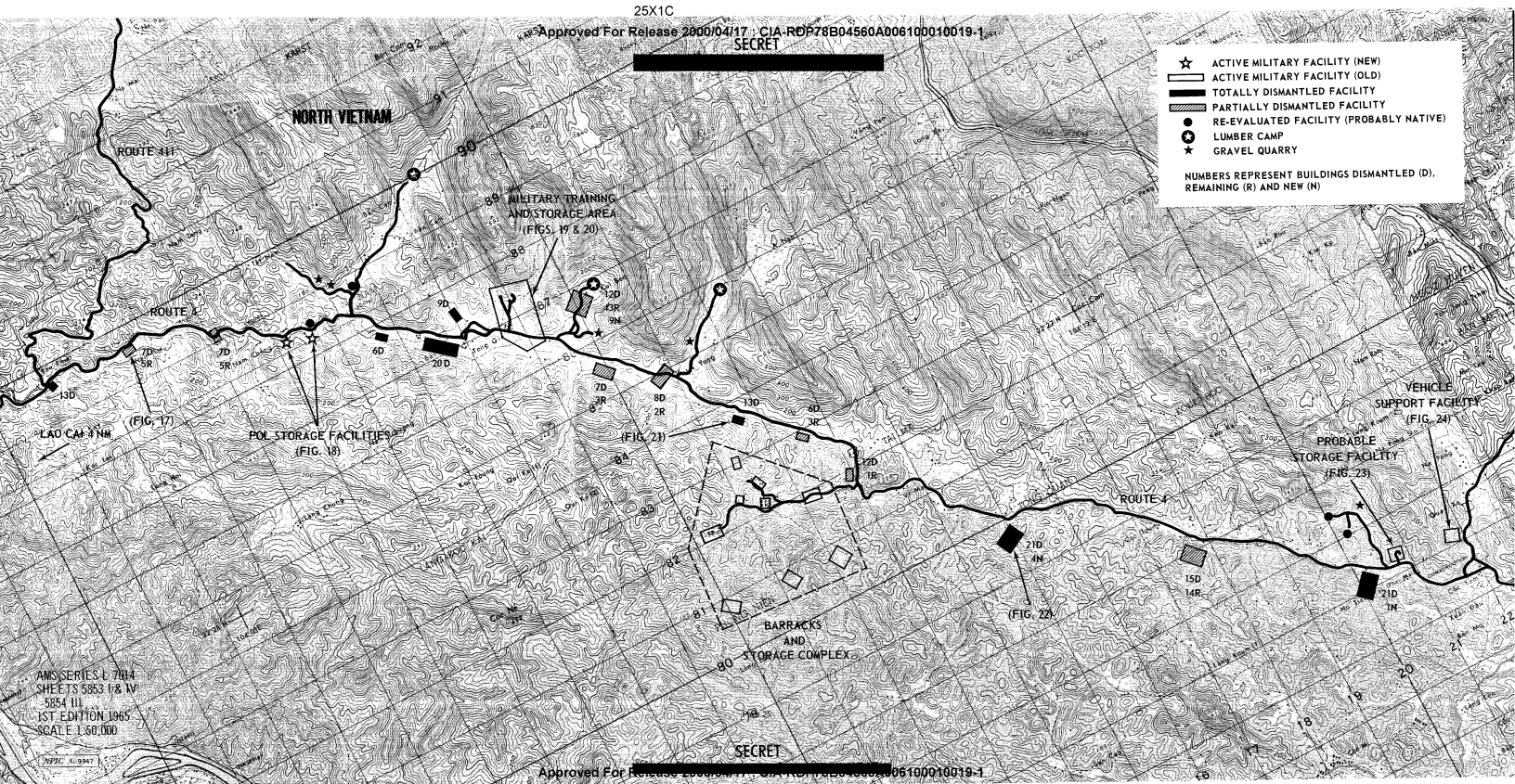
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25X1D A probable storage facility at UTM [REDACTED] (Figure 23) and a vehicle support facility at UTM [REDACTED] (Figure 24) also remain active.

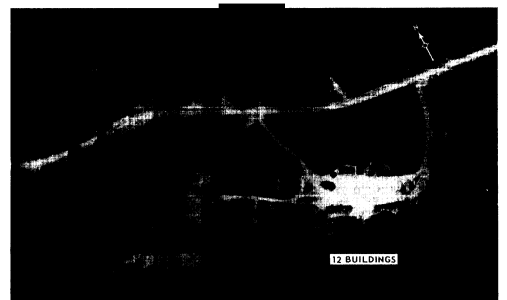
25X1D In addition to the military facilities along Route 4, the barracks and storage complex centered at UTM [REDACTED] and connected to Route 4 by an access road is essentially unchanged. However, a security fence and two probable guard towers can now be discerned in one of the nine areas.

25X1D Two new POL storage areas containing at least 15 POL bunkers/excavations are under development along Route 4 at [REDACTED] and [REDACTED] (Figure 18).

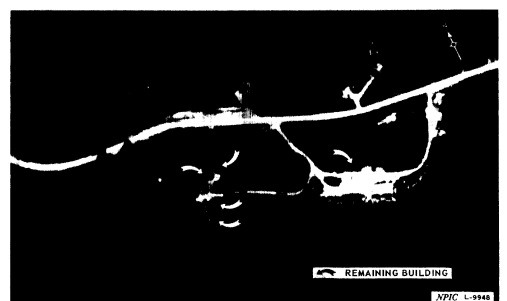
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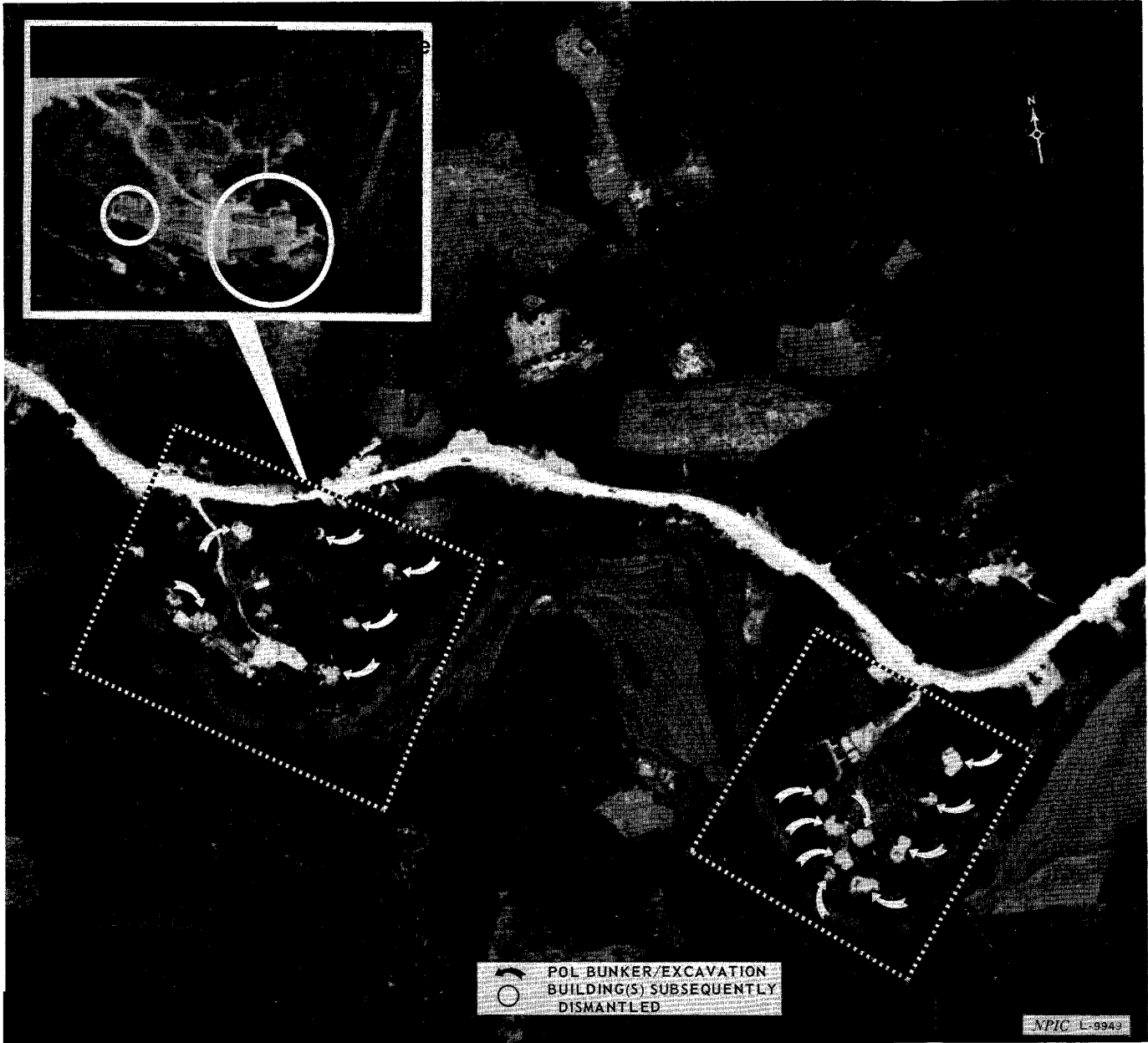
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FIGURE 17. PARTIALLY DISMANTLED MILITARY/CONSTRUCTION FACILITY, ROUTE 4, NORTH VIETNAM

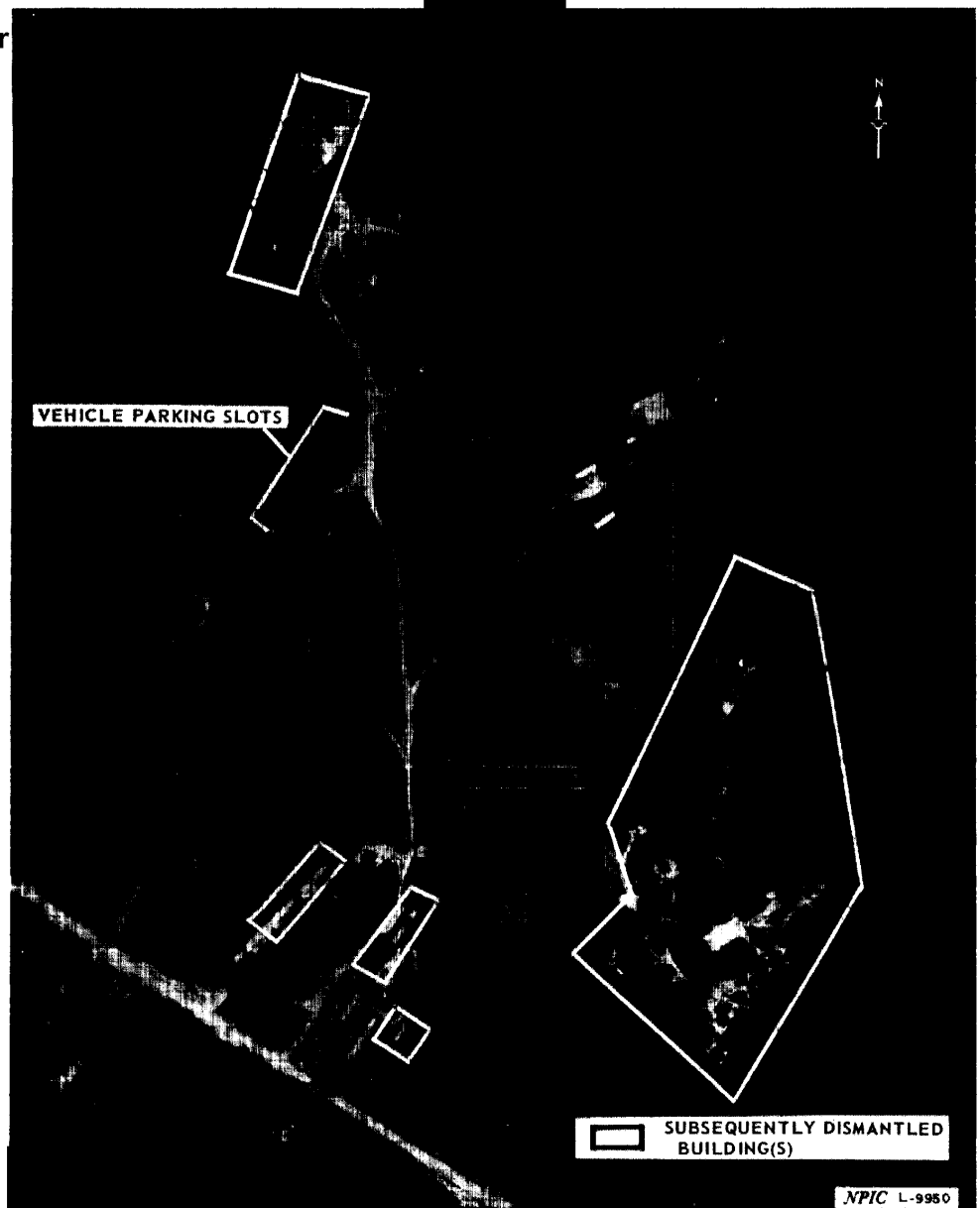
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FIGURE 20. MILITARY/CONSTRUCTION FACILITY, ROUTE 4, NORTH VIETNAM

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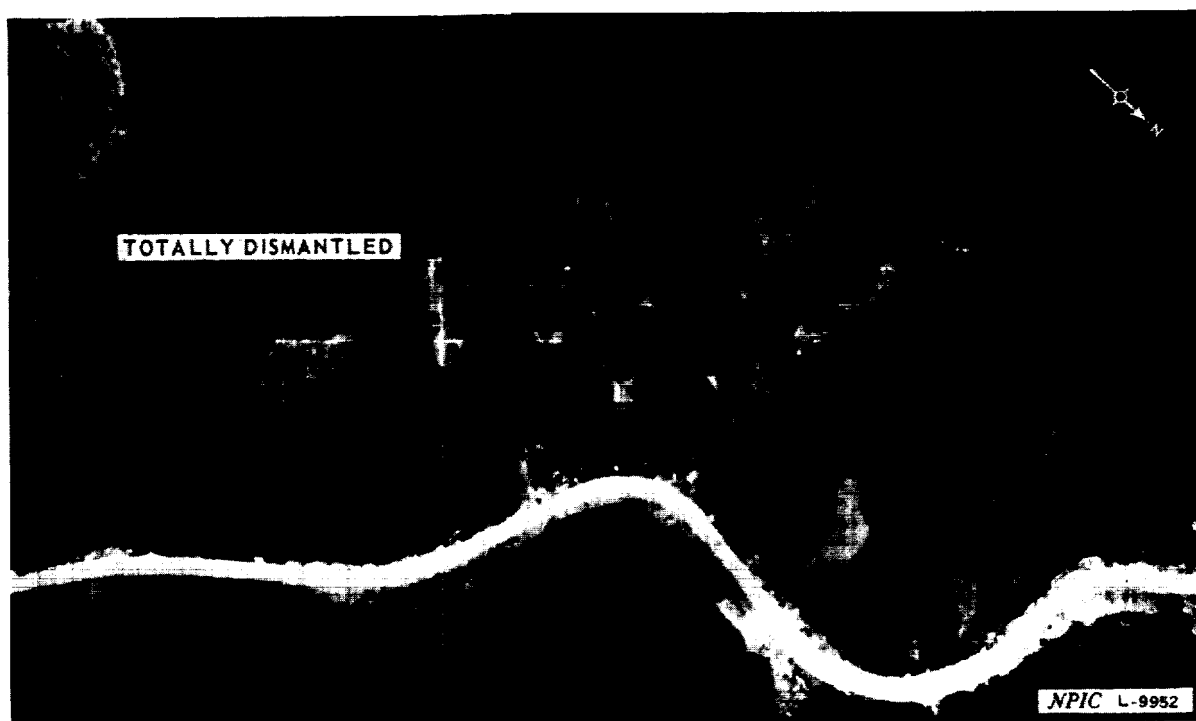


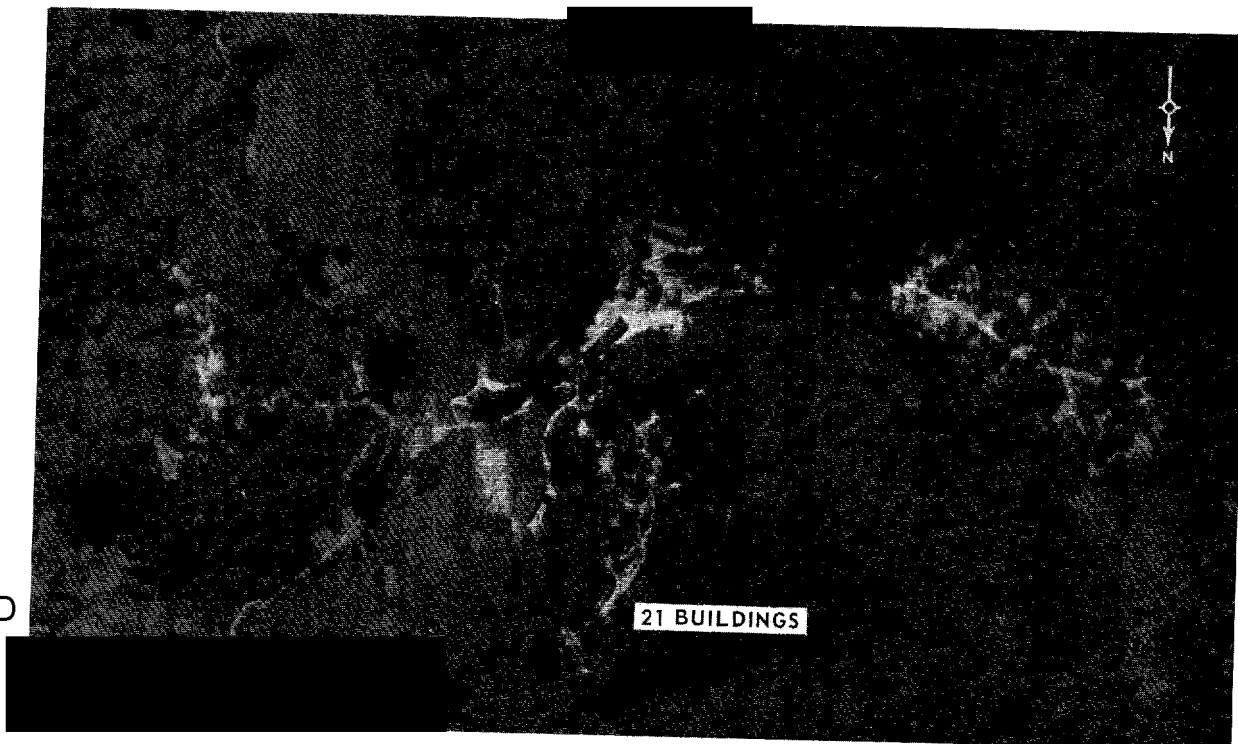
FIGURE 21. DISMANTLED MILITARY/CONSTRUCTION FACILITY, ROUTE 4, NORTH VIETNAM

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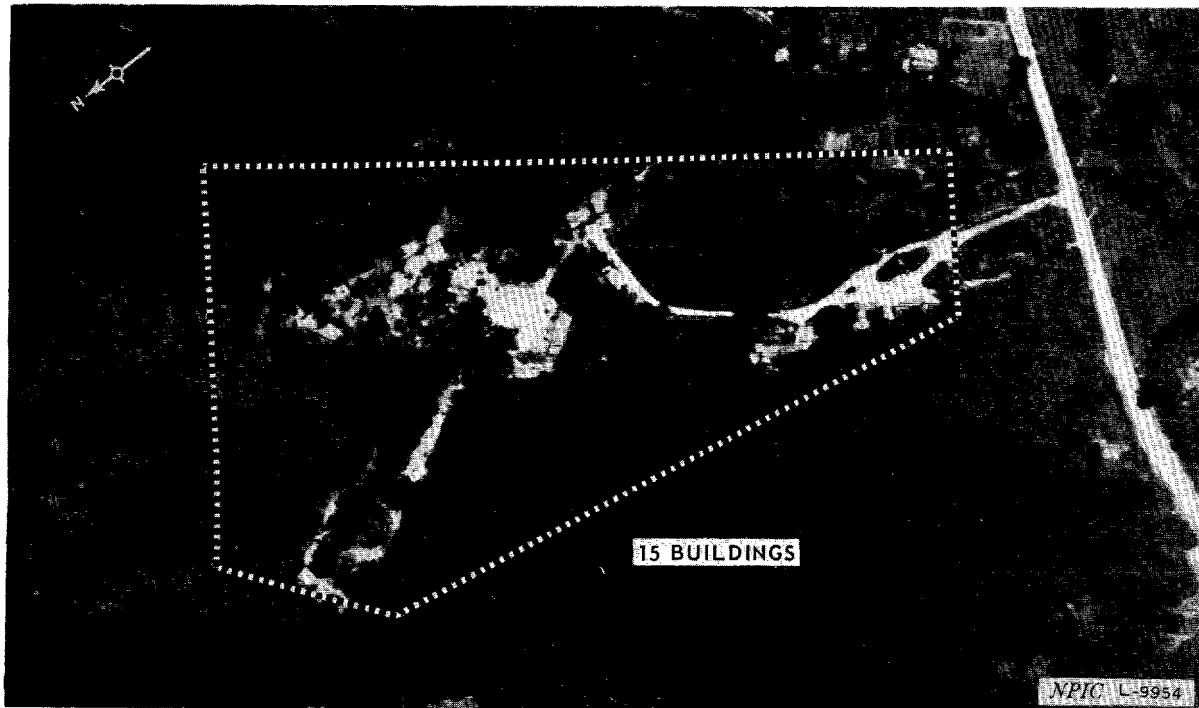


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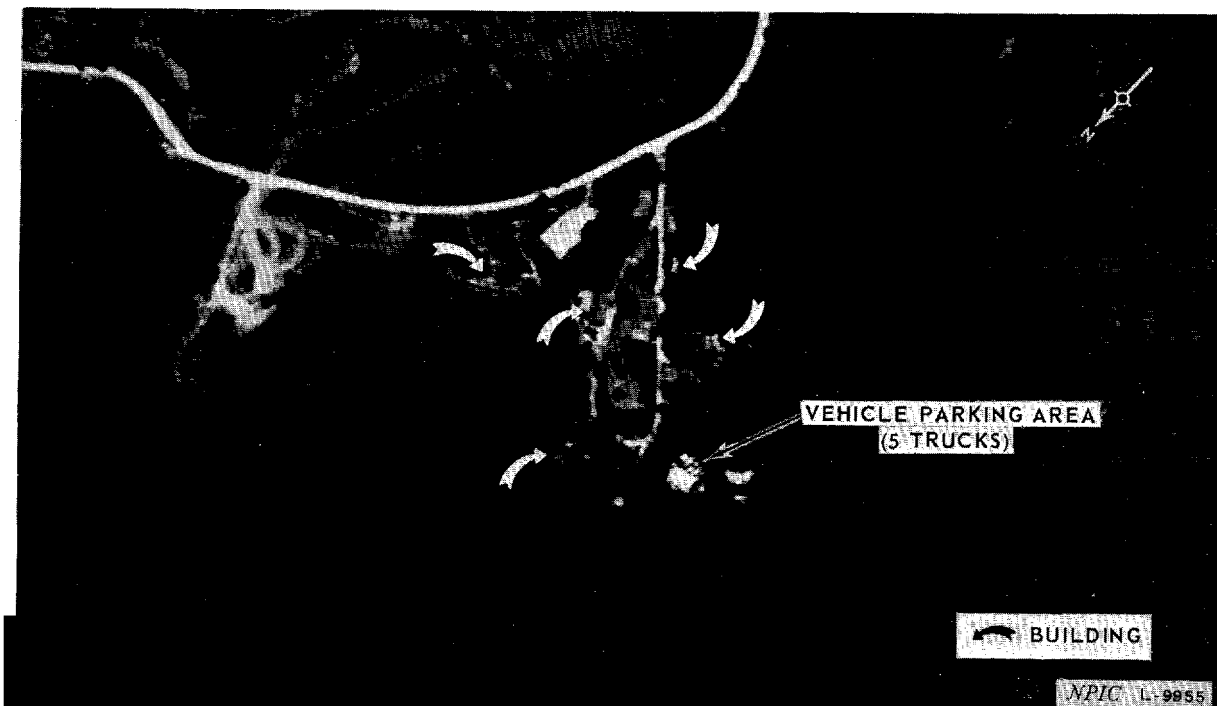
FIGURE 22. DISMANTLED MILITARY/CONSTRUCTION FACILITY, ROUTE 4, NORTH VIETNAM

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FIGURE 23. PROBABLE STORAGE FACILITY, ROUTE 4, NORTH VIETNAM



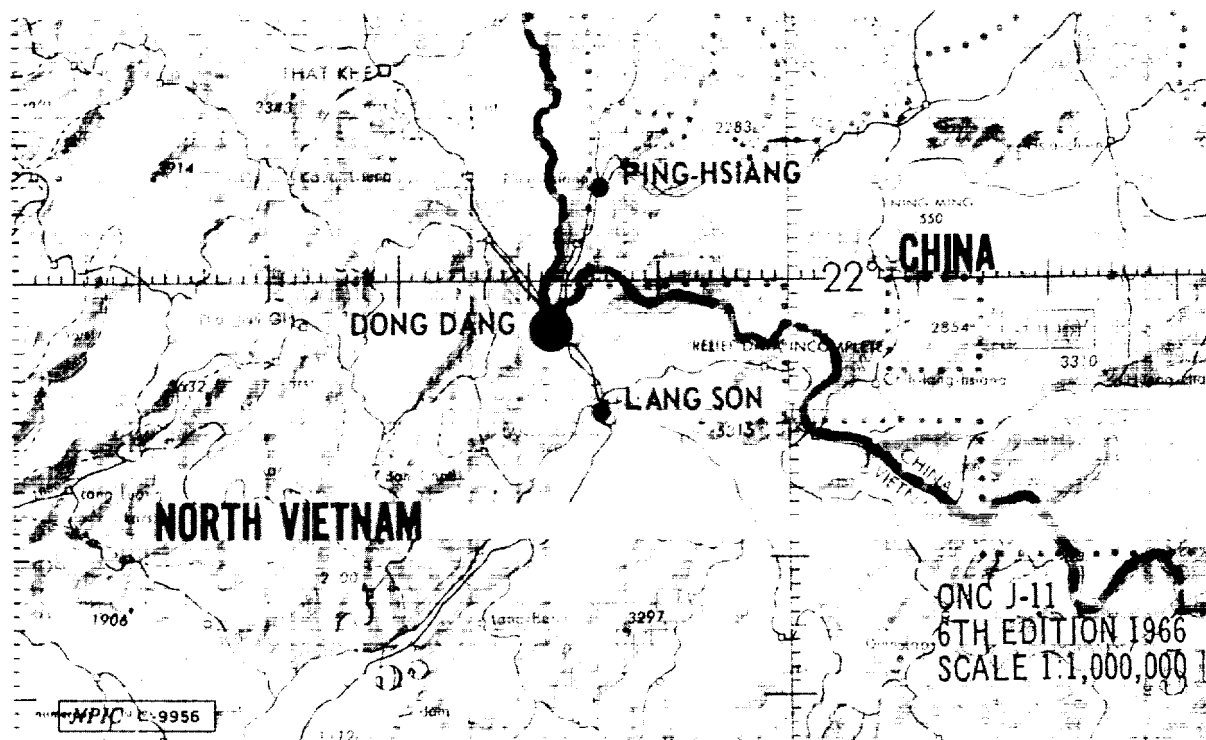
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FIGURE 24. VEHICLE SUPPORT FACILITY, ROUTE 408, NORTH VIETNAM

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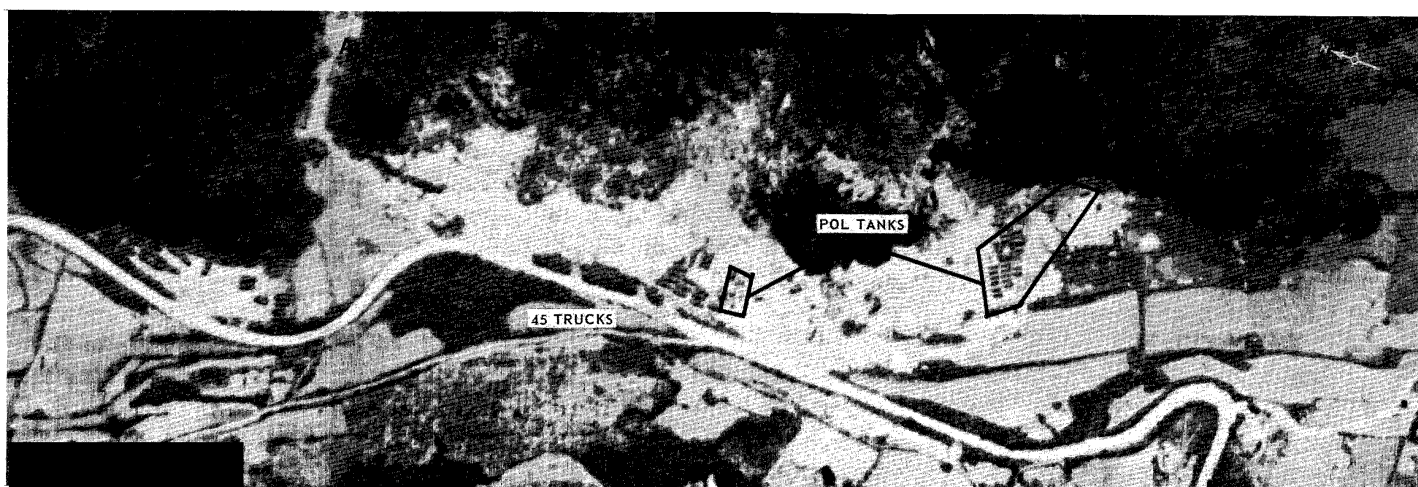
3. Increased Vehicular Activity, Dong Dang Area, North Vietnam

There was a significant increase in the number of vehicles concentrated in the Dong Dang area between [REDACTED] 25X1D
 Three hundred and sixty-seven vehicles were identified within a 4-nm radius of Dong Dang (21-56N 106-42E) on [REDACTED] (see Summary No. 57).
 On [REDACTED] 25X1D, 465 vehicles were identified within the same area (see Figures 25 and 27 for comparative examples). In addition, 11 AAA pieces were observed within a vehicle convoy (partly depicted in Figure 26).



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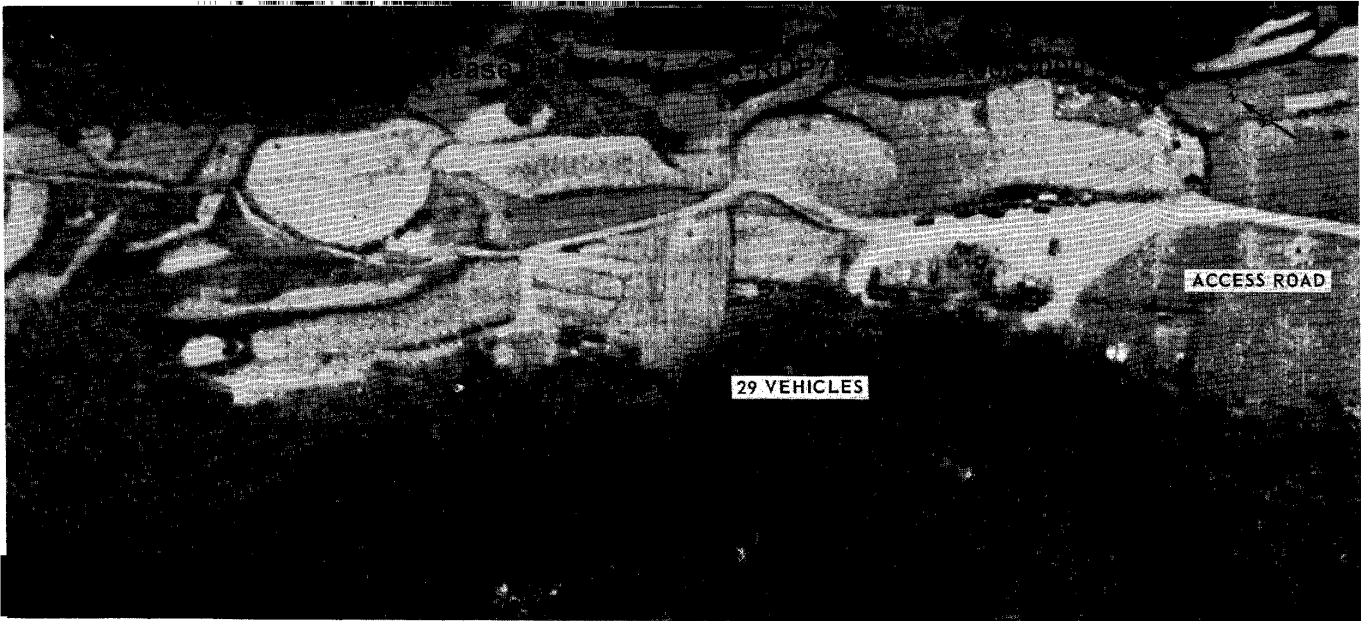


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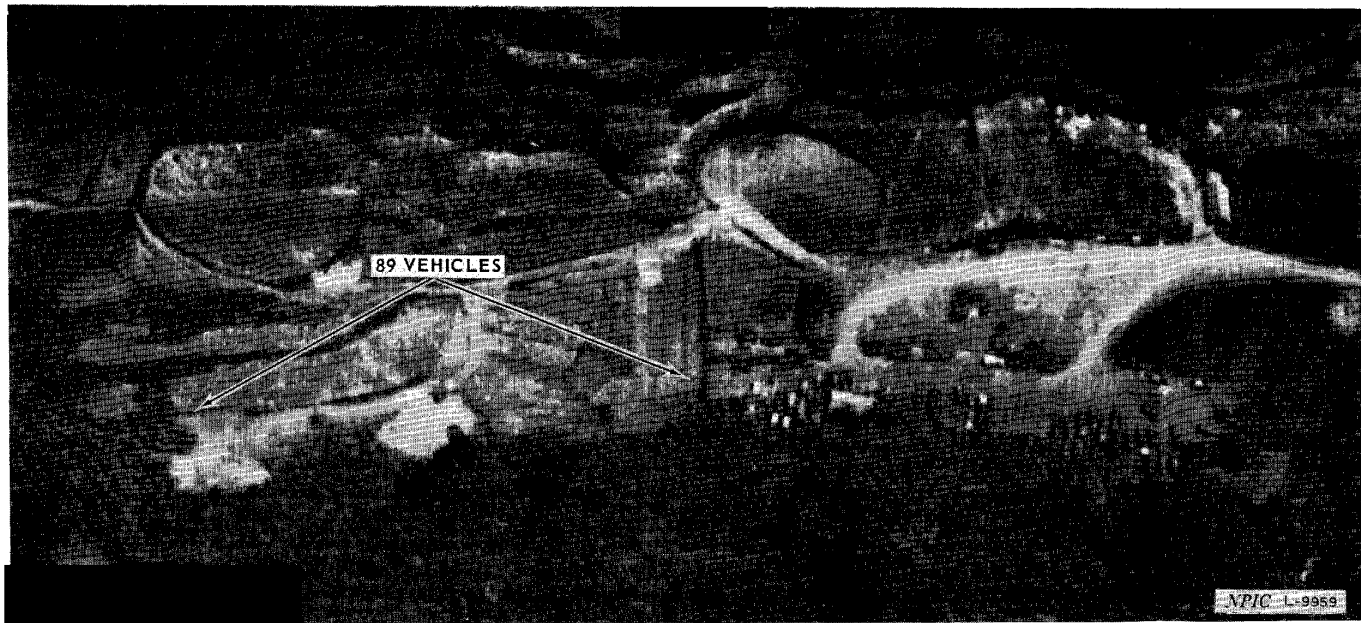
4, NORTH VIETNAM

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25X1D

25X1D



25X1D

FIGURE 27. TRUCK PARK, ROUTE 4, NORTH VIETNAM
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4. Military Training Area, Na Dzuong, North Vietnam

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A military training area is located in the vicinity of 21-43N 106-59E, 1.5 nm northeast of Route 4 and 15 nm southeast of Lang Son. Various types of trenching and defense positions have been constructed throughout an approximately three square nautical mile area centered on [REDACTED] (Figures 28 and 29).

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Supporting facilities, located south of the training area at [REDACTED] and [REDACTED] (Figures 30 and 31), contain three barracks, eleven quarters, one administration building, three miscellaneous buildings, and associated trenching and foxholes. Motorable access to the area is provided through the Na Dzuong mining complex.

25X1D

An ammunition/explosives storage facility is located south of Route 4 at UTM [REDACTED]. The facility contains seven storage buildings dispersed along a circular road (Figure 32), seven additional storage buildings, two administration, and two security buildings. This facility may either be associated with the training area or the Na Dzuong mining complex.

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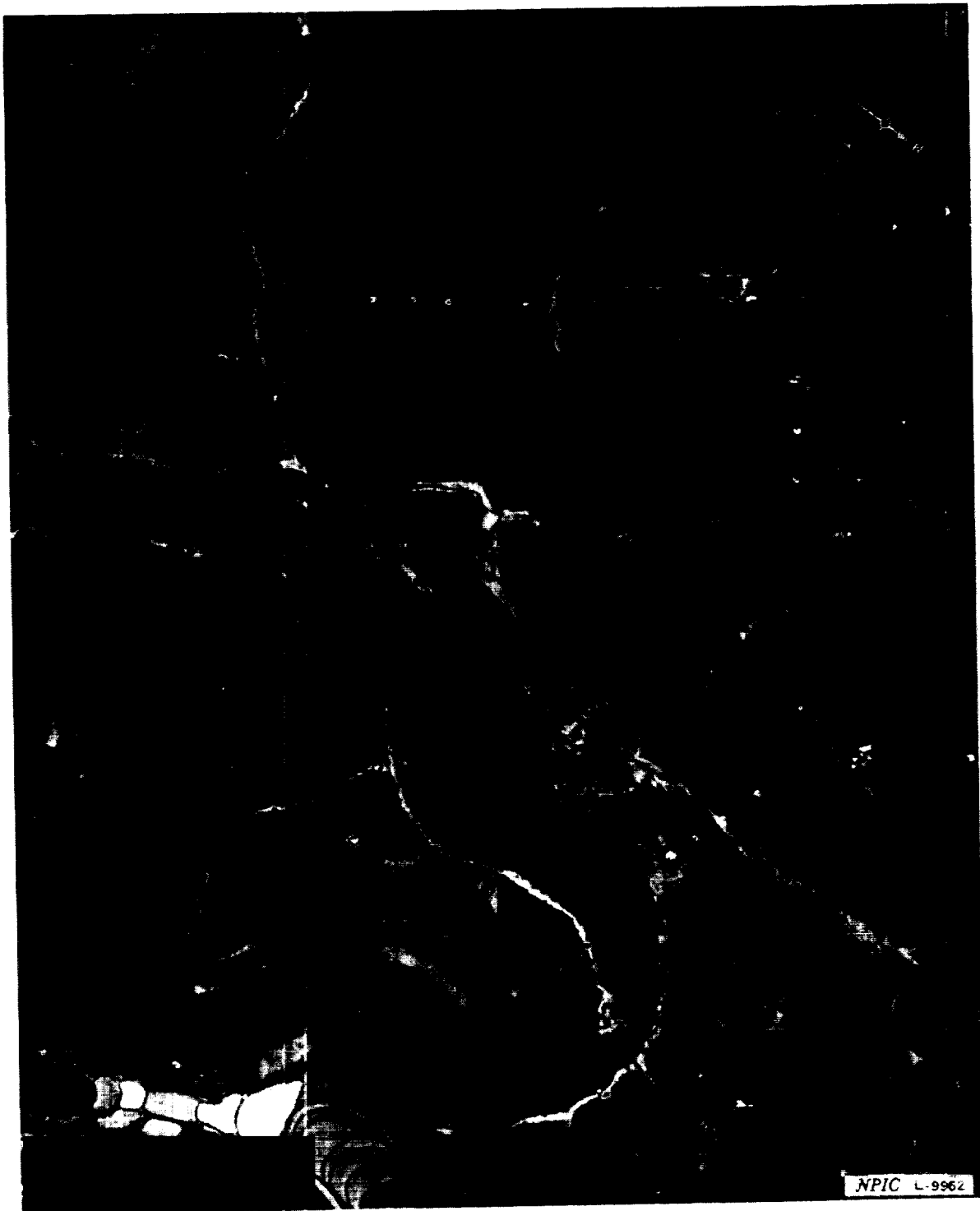




FIGURE 28. TRENCHING AND DEFENSE POSITIONS, MILITARY TRAINING AREA, NA DZUONG, NORTH VIETNAM

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FIGURE 29. TRENCHING AND DEFENSE POSITIONS, MILITARY TRAINING AREA, NA DZUONG, NORTH VIETNAM

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FIGURE 30. SUPPORT FACILITY, MILITARY TRAINING AREA, NA DZUONG, NORTH VIETNAM

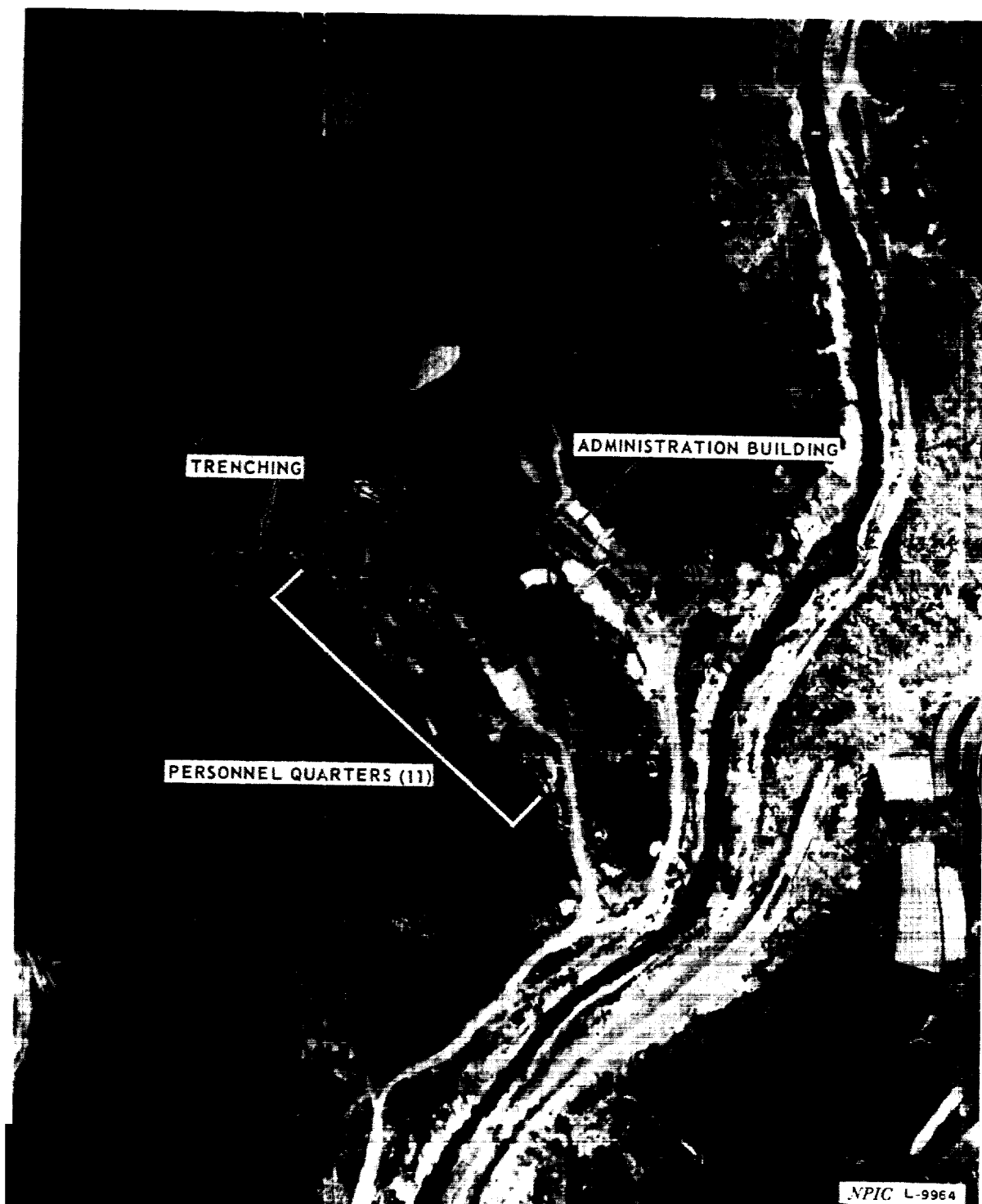


FIGURE 31. SUPPORT FACILITY, MILITARY TRAINING AREA, NA DZUONG, NORTH VIETNAM

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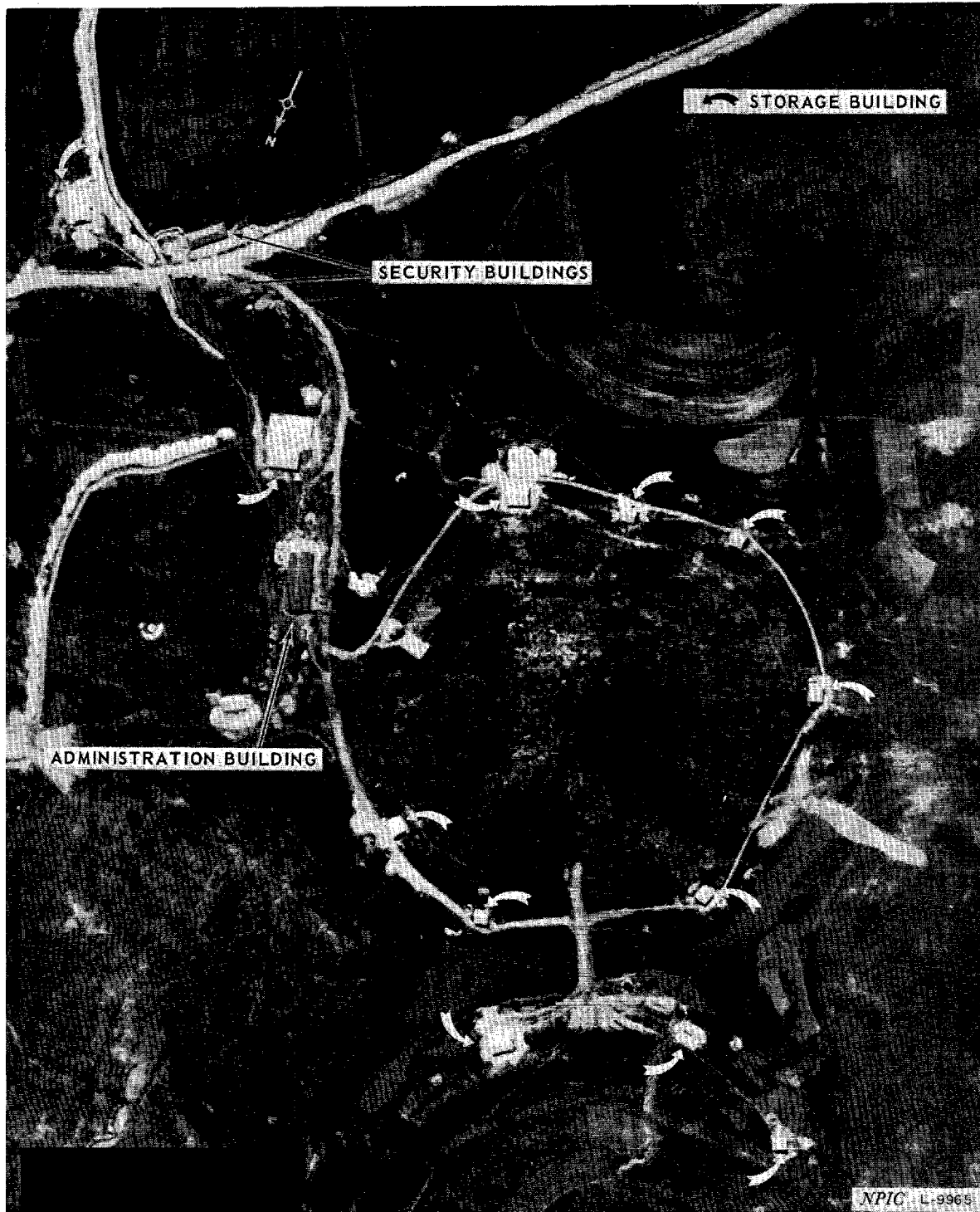


FIGURE 32. AMMUNITION/EXPLOSIVES STORAGE AREA, NA DZUONG, NORTH VIETNAM

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